<110> van Ommen, Garrit J.B.
      Petrij-Bosch, Anne
      Bakker, Egbert
      Devilee, Peter

<120> A diagnostic test kit for determining a predisposition
      for breast and ovarian cancer, materials and methods
      for such determination

<130> P22163CA00

<140> US 09/445,174
<141> 2000-04-24

<150> PCT/NL98/00325
<151> 1998-06-03

<150> EP 97201700.8
<151> 1997-06-04

<160> 23

<170> PatentIn Ver. 2.1

<210> 1
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for D17S1322

<400> 1
ctagcctggg caacaaacga
20

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for D17S1322

<400> 2
gcaggaagca ggaatggaac
20

<210> 3
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for D17S855

<400> 3
ggatggcctt ttagaaagtg g
21

<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for D17S855

<400> 4
acacagactt gtcctactgc
20

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for D17S1323

<400> 5
taggagatgg attattggtg
20

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for D17S1323

<400> 6
aagcaacttt gcaatgagtg
20

<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for first PCR

<400> 7
tcacagtgca gtgaattgga ag
22

<210> 8
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for first PCR

<400> 8
gtagccagga cagtagaagg actg
24

<210> 9
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for second PCR

<400> 9
gaagaaagag gaacgggctt gg
22

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for second PCR

<400> 10
ggccactttg taagctcatt c
21

<210> 11
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer forward

<400> 11
aaccaccaag gtccaaagc
19

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 12
gtagccagga cagtagaagg actg
24

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 13
tacgtgggtt caactgaagc
20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 14
tcccattgag aggtcttgct
20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 15
actgtgctac tcaagcacca
20

<210> 16
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 16
gaaaaaaaag tacaaccaaa tgcc
24

<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 17
agcccacttc attagtactg gaac
24

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 18
taccctataa gccagaatcc agaa
24

<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 19
ggccactttg taagctcatt c
21

<210> 20
<211> 720
<212> DNA

<400> 20
agaggtcttg ctataagcct tcatccggag agtgtagggt agagggcctg ggttaagtat
60
gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg
120
tacagctgtg tggtgcttct gtggtgaagg agctttcatc attcaccctt ggcacagtaa
180
gtattgggtg ccctgtcaga gagggaggac acaatattct ctcctgtgag caagactggc
240
acctgtcagt ccctatggat gcccctactg tagcctcaga agtcttctct gcccacatac
300
ctgtgccaaa agactccatc tgtaagggat gggtaaggat ttgagaactg cacatattaa
360
atatactgag ggaagacttt ttccctctaa ctcttttttcc catatgtccc tccccctcct
420
ctctgtgact gccccagcat actgtgtttc aacaaatcat caagaaatga tgggctggag
480
gctgggcatg gtggctcatg tctgtaatcc cagcactttg ggaggccgag gcaggtggat
540
cacttgtcag gagtttgaga ccagcctggc caacatggtg aaaccccatc tgtactaaaa
600
aaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcca gctatttggg
660
aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaagattg
720

<400> 21
cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtgnngt caggagatcc
60
agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagctg
120
ggcatggtgg cgggcgcctg taatcccagc tactcaggag gctgaagcag aagaatggct
180

<223> /note="Intronic region flanking exon 13, pos. 48256 - 48436"

<400> 22
cctgtaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgggagctcg 60
agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg 120
ggcgtggtgg cacatgcctg taatcccagc tacttgggag ctacggtgcc tggcctagtt 180

<210> 23
<211> 60
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Deletion-function fragment"

<400> 23
agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg 60